

Title (en)

DEVICE AND METHOD FOR INSTALLING A ROCK BOLT AND A ROCK BOLT INSTALLATION RIG

Title (de)

VORRICHTUNG UND VERFAHREN ZUR INSTALLATION EINES GEBIRGSANKERS UND INSTALLATIONSVORRICHTUNG FÜR GEBIRGSANKER

Title (fr)

DISPOSITIF ET PROCEDE D'INSTALLATION DE BOULON D'ANCRAGE ET APPAREIL DE FORAGE A INSTALLATION DE BOULON D'ANCRAGE

Publication

**EP 1877648 A4 20141224 (EN)**

Application

**EP 06717054 A 20060324**

Priority

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- SE 0501013 A 20050503

Abstract (en)

[origin: WO2006118504A1] A device (5) for installing a pressure fluid expandable rock bolt (4) of the kind having a tubular expansion portion and a fitting portion, said device at a distal portion having chuck means for gripping the fitting portion and for establishing a sealed connection between a fluid source and the inlet, said device extending essentially in an axial direction. The device includes at a proximal portion a holder portion (11) that is adapted to be fitted to a drill string engagement element (27) of a rock drilling machine. The invention also concerns a method and a rig.

IPC 8 full level

**E21D 20/00** (2006.01)

CPC (source: EP SE US)

**E21D 20/003** (2013.01 - EP SE US)

Citation (search report)

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- [A] AT 403721 B 19980525 - VOEST ALPINE BERGTECHNIK [AT]
- [A] US 4832536 A 19890523 - SPROSS ERHARD [CH], et al
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- [A] JP 2005076310 A 20050324 - NISSHIN STEEL CO LTD, et al
- [A] WO 2004099570 A1 20041118 - ATLAS COPCO ROCK DRILLS AB [SE], et al
- See also references of WO 2006118504A1

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